

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently Amended): A method of identifying a polypeptide comprising a functional domain of interest comprising:

(a) contacting a multivalent recognition unit complex comprising two or more recognition units, with a plurality of polypeptides expressed from a cDNA expression library, in which the recognition units are peptides having in the range 6 to 60 amino acid residues and which selectively bind a domain of interest selected from the group consisting of a catalytic site of glutathione S-transferase (GST), Src homology 1 (SH1), Pleckstrin homology (PH), phosphotyrosine binding (PTB), GST, SH1, PH, PTB, LIM, armadillo, Notch/ankyrin repeat, zinc finger, leucine zipper, helix-turn-helix and helix-loop-helix; and

(b) identifying a polypeptide having a selective binding affinity for said multivalent recognition unit complex; wherein the binding specificity of ~~the a~~ a recognition units unit has been decreased by incorporating said recognition units into said multivalent recognition unit complex, and the identified polypeptide comprises the functional domain of interest.

2 to 41. Canceled

42. (Currently Amended): A method of identifying a polypeptide comprising a functional domain of interest, comprising:

(a) contacting a multivalent recognition unit complex, which complex comprises

(i) avidin or streptavidin, and

(ii) biotinylated recognition units, with a plurality of polypeptides expressed from a cDNA expression library, in which the recognition units are peptides having in the range of 6 to 60 amino acid residues and which selectively bind a domain of interest selected from the group consisting of a catalytic site of glutathione S-transferase (GST), Src homology 1 (SH1), Pleckstrin homology (PH), phosphotyrosine binding (PTB), GST, SH1, PH, PTB, LIM, armadillo, Notch/ankyrin repeat, zinc finger, leucine zipper, helix-turn-helix and helix-loop-helix; and

(b) identifying a polypeptide having a selective binding affinity for said multivalent recognition unit complex;

wherein the binding specificity of ~~the~~ a recognition units unit has been decreased by incorporating said recognition units into said multivalent recognition unit complex, and the identified polypeptide comprises the functional domain of interest.

43-102. Canceled

103. (Currently Amended): The method of claim 1, wherein the multivalent recognition unit complex comprises a complex selected from the group consisting of: (a) biotinylated recognition units and avidin or streptavidin, (b) recognition units in the form of multiple antigenic peptides, ~~or~~ and (c) recognition units cross-linked to a carrier protein.

104. (Previously Presented): The method of any one of claim 1, 42, or 103 in which said plurality of polypeptides is obtained from a virus.

105. (Previously Presented): The method of any one of claim 1, 42, or 103 in which said expression library is a recombinant bacteriophage library.

106. (Previously Presented): The method of claim 105 in which said expression library is a recombinant M13 library.

107. (Previously Presented): The method of any one of claim 1, 42, or 103 in which said expression library is a recombinant plasmid or cosmid library.

108. (Previously Presented): The method of any one of claim 1, 42, or 103 in which said recognition unit is a peptide having 20 to 50 amino acid residues.

109. (Currently Amended): The method of claim 1 or claim 103 in which the valency of the multivalent recognition unit in the complex is at least four.